

MATERIAL SAFETY DATA SHEET

NPCA 1

FOR COATINGS, RESINS AND RELATED MATERIALS

(Approved by U.S. Department of Labor "Essentially Similar" to Form OSHA-20) COMPONENT I

DATE OF PREP.

10/80

Section I

MANUFACTURER'S NAME DEFT CHEMICAL COATINGS

STREET ADDRESS 17451 Von Karman Ave.

CITY, STATE, AND ZIP CODE

Irvine, CA 92714

EMERGENCY TELEPHONE NO. 714-549-8911

INFORMATION TELEPHONE NO.

PRODUCT CLASS Epoxy Coating

MANUFACTURERS CODE IDENTIFICATION

TRADE NAME Base Component, Gloss Yellow Epoxy

01-Y-2 Base Component

Section II - HAZARDOUS INGREDIENTS

| INGREDIENT | PERCENT wt. | TLV | | LEL | VAPOR PRESSURE |
|---------------------------|----------------|-----|-------------------|------|-------------------|
| | | PPM | mg/M ³ | | |
| Lt. Chrome Yellow Pigment | 30 | | 0.05 | NA | NA |
| Methyl Ethyl Ketone | 10 | 200 | | 2.0 | 70.0 |
| N-Propyl Acetate | 10 | 200 | | 1.7 | 23.0 |
| Toluene | 10 | 100 | | 1.0 | 22.0 |
| Isobutyl Acetate | 5 | 150 | | 1.27 | 12.5 |
| Methyl Cellosolve | < 5 | 25 | | 2.28 | 6.2 |
| N-Butyl Alcohol | < 5 | 100 | | 1.45 | 4.4 |
| Butyl Cellosolve | < 5 | 50 | | 1.1 | < 1.0 |

Section III - PHYSICAL DATA

BOILING RANGE 175-340°F

VAPOR DENSITY

☒ HEAVIER☐ LIGHTER THAN AIREVAPORATION RATE ☐ FASTER ☒ SLOWER THAN ETHERPERCENT VOLATILE
BY VOLUME

63.7%

WEIGHT PER
GALLON

10.79

Section IV - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION - Flammable

FLASH POINT

28°F Tag Open Cup
ASTM D 1310

LEL

EXTINGUISHING MEDIA - Carbon dioxide, foam or dry chemicals.

UNUSUAL FIRE AND EXPLOSION HAZARDS

- Caution against application to hot surfaces and use
in areas where sparks or open flames may be present.

SPECIAL FIRE FIGHTING PROCEDURES

- Do not use water stream which might spread fire.
Water spray or fog can be used effectively.

BOE-C6-0201589

Section V — HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE See Section II

EFFECTS OF OVEREXPOSURE

Moderate eye irritant. Possible irritation of skin by solvent.
Irritation or narcosis can result from inhalation of solvent vapors.

EMERGENCY AND FIRST AID PROCEDURES

Skin contact - wipe off with a rag then thorough rinsing with water and washing with mild soap and water.

Eye contact - flush 10 minutes with water and consult eye physician.

Inhalation - remove to fresh air.

Section VI — REACTIVITY DATA

STABILITY ☐ UNSTABLE ☒ STABLE

INCOMPATIBILITY (Materials to avoid)

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS POLYMERIZATION ☐ MAY OCCUR ☒ WILL NOT OCCUR

CONDITIONS TO AVOID

CONDITIONS TO AVOID - sparks from being struck with steel object or static electricity. Avoid open flame in vicinity. Avoid exposure to heat.

Section VII — SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED - Absorb with oil absorbing compound or dry rags. Flush with large volume of water. Avoid sparks or open flame.

WASTE DISPOSAL METHOD - Dispose of clean-up rags by wetting with water and keep in a closed container. Dispose in tightly closed container and finally sanitary landfill.

Section VIII — SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION Good Ventilation

VENTILATION - Use adequate ventilation using exhaust fan.

PROTECTIVE GLOVES - yes

EYE PROTECTION - yes

OTHER PROTECTIVE EQUIPMENT

Section IX — SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING - Use normal storing precautions as with any paint. Keep away from heat, spark or open flame.

STORAGE CATEGORY

OTHER PRECAUTIONS - Avoid prolonged inhalation of vapors.